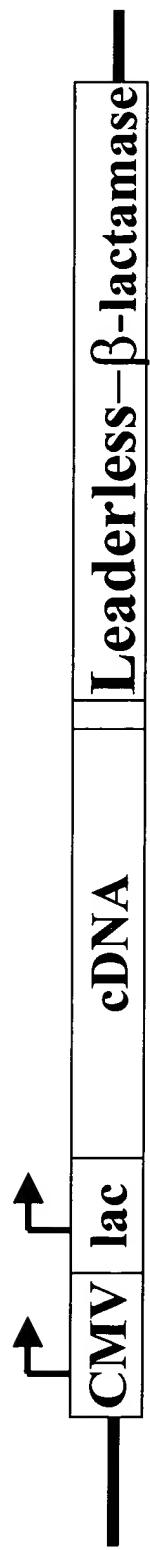


FIG. 1



Constructs	Prokaryotic (Growth)		Eukaryotic ( $\beta$ -lactamase activity)		
	Kar	Carb/IPTG	$\beta$ -lactamase activity (in medium)	Medium	Cell lysis
Intact $\beta$ -lactamase	Signal peptide $\beta$ -lactamase	+	+	+	+
Leaderless $\beta$ -lactamase	Met	+	-	-	+
Signal peptide $\beta$ -lactamase	Signal peptide Linker	+	+	+	+
Non-secreted protein $\beta$ -lactamase fusion	HSP	+	-	-	+
Trans-membrane protein $\beta$ -lactamase fusion	CD4	+	< 0.01%	-/+	-
5' biased cDNA $\beta$ -lactamase library	cDNA	+	~ 1 %	~80%	~50% NA

FIG. 2